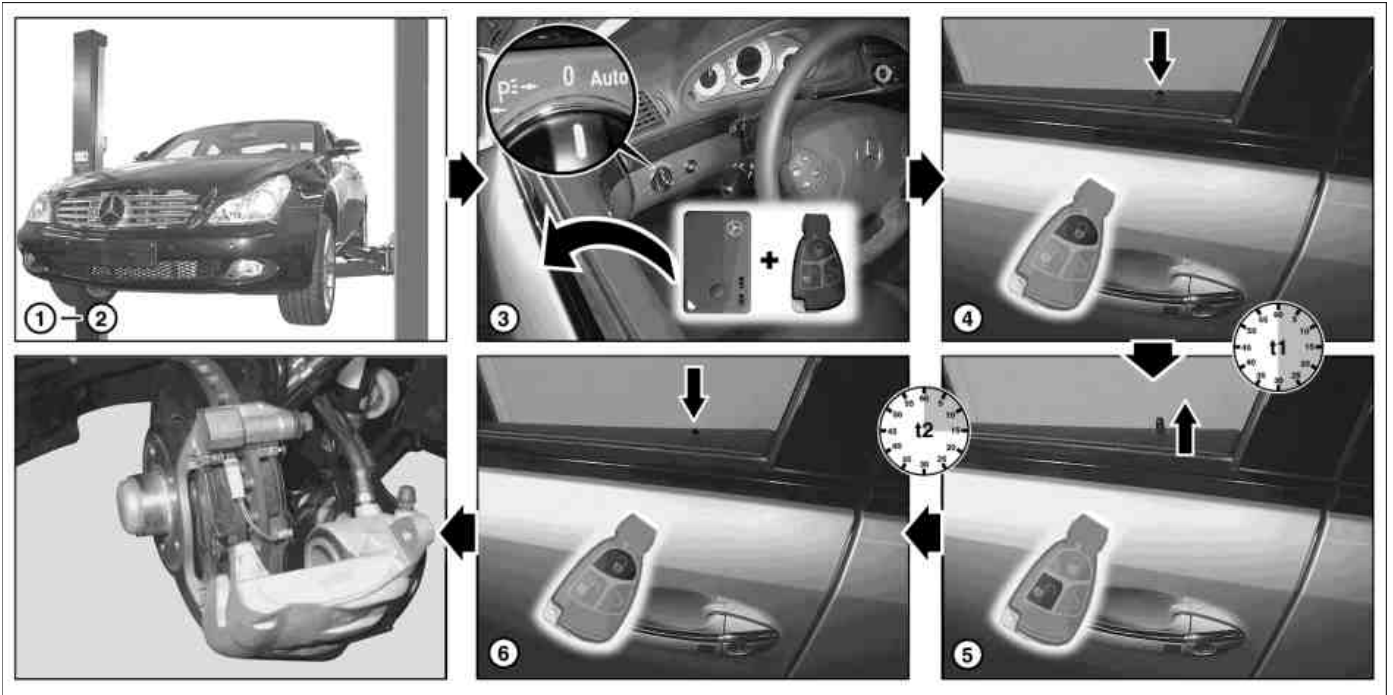


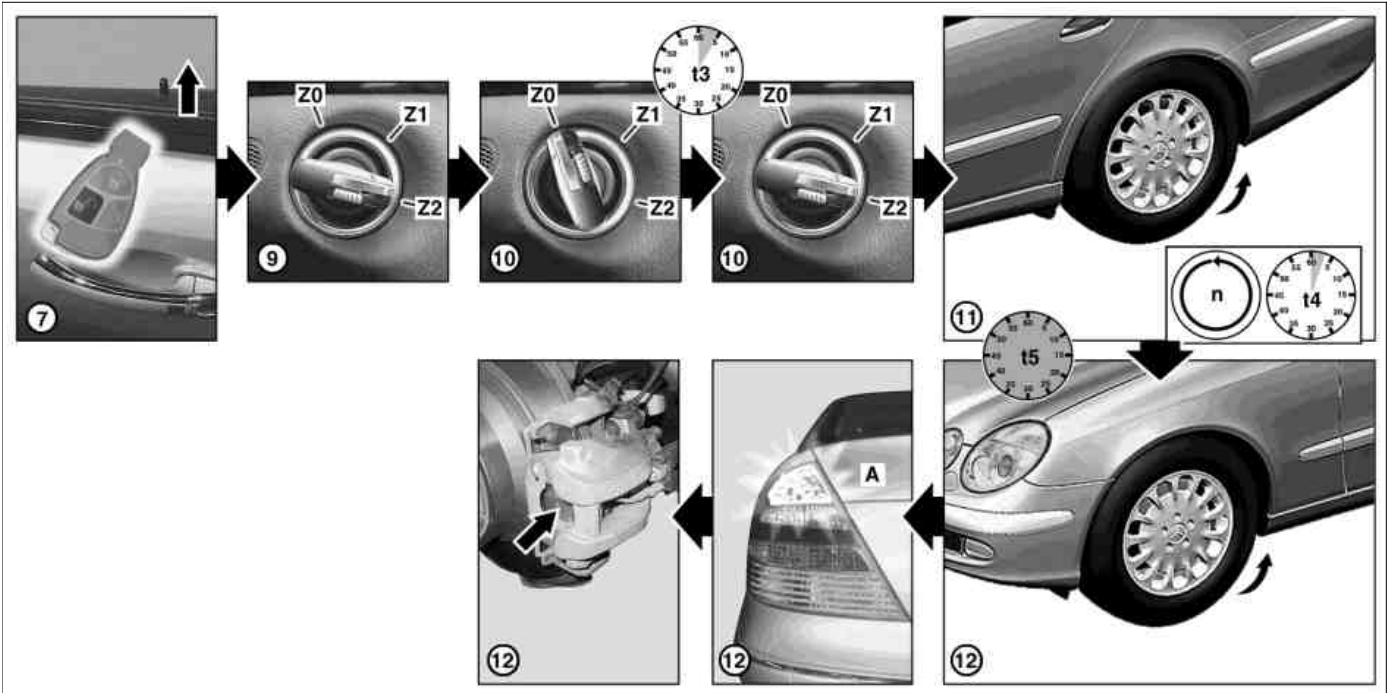
MODEL 211, 219  
with Sensotronic Brake Control (SBC)  
MODEL 230



P42.46-2112-09

t1 at least 30 seconds

t2 at least 15 seconds

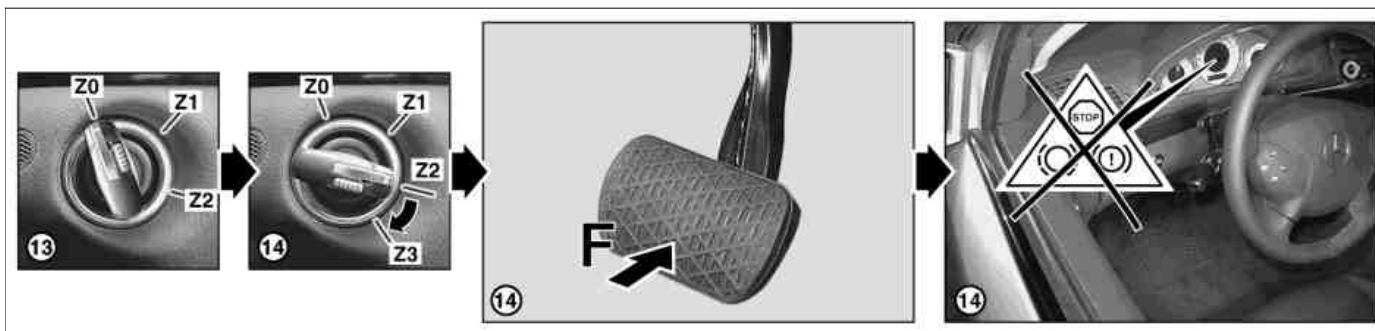


P42.10-2233-09

A Flashes 3 times  
n 1 to 2 revolution(s)  
t3 1 to 5 seconds

t4 at least 3 seconds  
t5 max. 60 seconds  
Z0 Ignition off

Z1 Power supply for consumers  
Z2 Ignition ON



P42.10-2234-07


Z0 Ignition off

Z2 Ignition ON

Z3 Start engine

Z1 Power supply for consumers

| ☒ ☒              | Remove/install   |   |                    |
|------------------|--|---|--------------------|
| ⚠ <b>Danger!</b> | <b>Risk of injury</b> caused by body parts being jammed or crushed. <b>Risk of injury</b> to skin and eyes caused by brake fluid spraying out at high pressure when working on the SBC brake system  | Prevent SBC self-test.  | AS42.46-Z-0001-01B |
| ⚠ <b>Danger!</b> | <b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.   | Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.  | AS00.00-Z-0010-01A |
| 📌                | Notes on repairs to brake system   |   | AH42.00-P-0003-01A |
| 📌                | The SBC system must be deactivated on a mandatory basis using STAR DIAGNOSIS before working on the operating unit or hydraulic unit.<br>Brake pad exchange and brake fluid change must not be carried out simultaneously.<br>Before working on the SBC brake system the sequence of the SBC self-test must be prevented as this leads to the brake pistons being pushed out automatically.<br>When working on the SBC brake system the brake pedal must not be pressed under any circumstances as this leads to the brake pistons moving out automatically.<br>Inadvertent operation of the brake pedal must be prevented reliably by suitable measures.<br>No persons or animals may stay in the vehicle when working on the SBC brake system |   |                    |
| i                | Before starting the work it is absolutely essential to read through the complete work description, as the work must be completed in quick succession. To carry out the work correctly a second person must be present, as within the work procedure certain signals cannot be seen by one person   |   |                    |
| i                | If the work procedure is revised or the timing specifications are not maintained, the work cannot be carried out correctly   |   |                    |
| 1                | Raise vehicle using lifting platform until wheels are free   |   |                    |
| 2                | Open the side window on the driver's side  |   |                    |
| 3                | Switch off all electrical consumers of the vehicle and remove the key from the ignition switch   | i Vehicles with Keyless Go code 889: Press start/stop button repeatedly until ignition is switched off.   |                    |
|                  | <b>Disable the SBC self-test</b>   |   |                    |
| 4                | Close vehicle doors and leave vehicle centrally locked for min. 30 seconds (t1)  | i Vehicles with Keyless Go code 889: remove Keyless Go cards or key from the vehicle and store outside of transmitter range (for at least 2 minutes).<br>i During this time the run-on of the SBC brake system elapses. |                    |
| 5                | Unlock vehicle for at least 15 seconds (t2).   | i The brake pedal must not be pressed any more from now on.<br>i An SBC self-test may run during this time.   |                    |
| 6                | Lock vehicle   | i In order to prevent people getting in.  |                    |

|  |   |   |   |
|--|---|---|---|
|  |   | <b>i</b> If the engine hood is unlocked when the vehicle is locked, the alarm system is triggered.  |   |
| <b>i</b>   | 15 seconds after locking the following operations can be carried out in the wheel brake area: <ul style="list-style-type: none"> <li>● Replace front and rear brake pads,</li> <li>● Detach/attach front and rear brake disks,</li> <li>● Remove/install parking brake shoes</li> </ul> Once the operations are completed the application routine must be activated | <b>i</b> The vehicle must not be unlocked under any circumstances when working on the brake system.<br><br><b>i</b> By unlocking, the brake application routine is started and the brake pads are applied.  |   |
|  | <b>Activate application routine of brake pads</b>   |   |   |
| <b>i</b>   | The hydraulic unit temperature must be a maximum of 80 °C   |   |   |
| 7  | Unlock vehicle  |   |   |
| 8  | Switch on ignition (Z2)   | <b>i</b> Through the open side window.<br><br><b>i</b> Vehicles with Keyless-Go code 889: Do not activate any Keyless Go functions for the following work.  |   |
| 9  | Switch off ignition (Z0), wait 1 to 5 seconds (t3) and switch ignition on again (Z2)  | <b>i</b> Do not start engine!<br><br><b>i</b> The ignition remains switched on for the further steps.   |   |
| 10   | Rotate rear left wheel swiftly and evenly in the running direction  | <b>i</b> Turn the wheel for at least 3 seconds (t4) (1 to 2 revolutions/s (n)) and then stop the wheel.   |   |
| 11   | Rotate the front left wheel swiftly and evenly in the running direction   | <b>i</b> The left front wheel must be rotated no more than 60 seconds (t5) after the left rear wheel.<br>Rotate the wheel (1 to 2 revolution(s) (n)) until it is stalled automatically.<br>Flashing on and off 3 times (A) confirms successful activation:<br>The application routine is started.<br>The front and rear brake pads are applied several times.<br>After approx. 50 seconds the application routine is completed. |   |
| 12   | Lower vehicle and switch off ignition (Z0)  |   |   |
| 13   | Start the engine and depress the brake pedal 5 to 10 times  | <b>i</b> If a fault message is displayed in the multifunction display: ↓<br>Repeat activation of application routine. If the error message continues to be shown in the multifunction display after repeating the application routine several times: ↓<br>Apply the brake pads using STAR DIAGNOSIS, read out and erase diagnostic trouble code memory.   |   |
|  <b>AD</b> | Connect STAR DIAGNOSIS and read out fault memory  | STAR DIAGNOSIS diagnosis system   | AD00.00-P-2000-04A<br><br>*WH58.30-Z-1048-13A |

#### Commercially available tools

| Number             | Designation  |              |
|--------------------|--|--------------|
| WH58.30-Z-1048-13A | STAR DIAGNOSIS diagnosis system, Compact Passenger Car | 6511 1801 00 |